



CONFIGURATION MIGRATION TOOL

# FortiConverter Release Notes

**VERSION 5.2.0**

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Tuesday, October 11, 2016

FortiConverter 5.2.0 Release Notes

1st Edition

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# Introduction

This document provides installation instructions and caveats, resolved issues, and known issues for FortiConverter 5.2.0, Build 0179.

FortiConverter provides a solution for the conversion of numerous firewall configurations into a FortiOS-compatible format. It currently supports the conversion of Cisco, Check Point, Juniper, SonicWall, Palo Alto Networks and Alcatel-Lucent Brick configurations. It also supports the conversion of FortiOS to a different FortiOS version.

A trial version is available, which provides full functionality for Fortigate-to-Fortigate tasks. For all other conversions, you can complete a conversion and view the results in the tuning page. All other functionality is disabled until you upload the full license. In most cases, this limited functionality is sufficient to allow you to evaluate the product.

SKU	Description
<b>FC-10-CON01-401-01-12</b>	1-year multi-vendor configuration migration tool for building FortiOS configurations, requires Windows.
<b>FC-10-CON01-401-02-12</b>	1-year renewal multi-vendor configuration migration tool for building FortiOS configurations, requires Windows.



If you do not renew the license, functionality reverts to the trial version.

For additional documentation, please visit:

<http://docs.fortinet.com/forticonverter/>

## What's new

The following are the new features and enhancements in this release of FortiConverter 5.2.0, build 0179:

- **McAfee Sidewinder** – FortiConverter now supports conversions from McAfee Sidewinder 7.x to FortiOS 5.2 and 5.4.
- **Cisco IOS XR** – FortiConverter now supports conversions of ACLs for Cisco IOS XR release 4.x through 6.x to FortiOS 5.2 and 5.4.
- **Cisco Nexus** – FortiConverter now supports conversions of ACLs for Cisco Nexus release 5.2, 6.x, 7.x to FortiOS 5.2 and 5.4.
- **Juniper MX** – FortiConverter now supports conversions of ACLs for Juniper MX release 10.x through 12.x to FortiOS 5.2 and 5.4.
- **NAT merge policy IDs** – NAT merge policies no longer have prefixes starting with 0. These were incorrectly interpreted by FortiOS and FortiManager. Now, for a firewall policy ID 10001, the first NAT intersection will be 110001, the second 210001, and so on. Previously they would have been 00110001 and 00210001.

## System requirements

FortiConverter is designed to run on the following Microsoft Windows platforms:

- Microsoft Windows 10
- Microsoft Windows 8 (32-bit or 64-bit)
- Microsoft Windows 7 (32-bit or 64-bit)
- Microsoft Windows Server 2008 (32-bit or 64-bit)

## Supported versions and conversions

Vendor	Models	Versions	Convertible objects
<b>Alcatel-Lucent</b>	Brick	ALSMS v9.x	Addresses & Address Books Interfaces (physical, logical, loopback, PPPoE) Partitions Services & Service Books Static routes Zone rule set
	SmartCenter	NG FP1 (4.0) to NGX R77	Addresses & Address Groups Interfaces (Physical, Logical, Loopback, PPPoE) Local Users & Groups NAT (Automatic & Rule) Negate Cell Policies (rulebases.fws) RADIUS, TACACS+, & LDAP
<b>Check Point</b>	Provider-1	NGX R65 to R77	Rules Schedules Services & Service Groups Static routes VPN (IPSec)
	PIX ASA FWSM	4.x to pre-8.3, 8.3 and later, 9.x	ACLs Addresses & Address Groups DHCP Servers DNS Servers Interfaces (Physical, Logical, Loopback, PPPoE, Tunnel) IP Pools Local Users & Groups
<b>Cisco</b>	IOS	10.x to 12.x 15.x	NAT (including Object NAT and Double NAT) RADIUS, TACACS+, & LDAP Services & Service Groups Static Routes Time Ranges VPN (IPSec, PPTP/L2TP, EZVPN)
	IOS XR	4.x, 5.x, 6.x	Addresses & Address Groups & FQDNs Interfaces IP Pools Policies
	Nexus	5.2, 6.x, 7.x	Services & Service Groups Static Routes

Vendor	Models	Versions	Convertible objects
Juniper	SSG	ScreenOS 5.x, 6.x	Addresses & Address Groups & FQDNs DHCP Servers & Clients & Relays Interfaces (Physical, Logical, Loopback, PPPoE, Tunnel) Static Routes Services & Service Groups Policies VIPs/MIPs NAT IP Pools VPN (IPSec, PPTP/L2TP) Local Users & Groups RADIUS & LDAP Zones
	SRX	Junos OS 10.x to 12.x	Addresses & Address Groups & FQDNs DHCP Servers & Client & Relay Interfaces (Physical, Logical, Loopback, PPPoE, Tunnel) IP Pools Local Users & Groups NAT Policies RADIUS & LDAP Services & Service Groups Static Routes VIPs/MIPs VPN (IPSec, PPTP/L2TP) Zones
	MX	Juno OS 10.x to 12.x	Addresses & Address Groups & FQDNs Interfaces IP Pools Policies Services & Service Groups Static Routes
McAfee	Sidewinder	7.x	Addresses & Address Groups & FQDNs Interfaces IP Pools Policies Services & Service Groups Static Routes



Vendor	Models	Versions	Convertible objects
<b>Palo Alto Networks</b>	PA	PAN-OS 1.x to 6.x	Addresses & Address Groups & FQDNs Interfaces Local Users & Groups NAT (partial) Policies Schedules Static Routes Services & Service Groups Zones
<b>SonicWall</b>	NSA Series	SonicOS Enhanced 5.x	Addresses & Address Groups & FQDNs DHCP Servers & Clients & Relays Interfaces (Physical, Logical, Loopback, PPPoE) Local Users & Groups NAT Policies Schedules Services & Service Groups Static Routes Zones

## Resolved issues

The resolved issues listed below do not list every bug that has been corrected with this release. For inquiries about a particular bug, please contact [Fortinet Customer Service & Support](https://support.fortinet.com):

<https://support.fortinet.com>

### Resolved issues

Bug ID	Description
388023	Cisco ASA Forticonverter error.
386829	Multicast network objects created with incorrect end-ip.
387010	Netscreen configuration conversion issues.
386484	FortiConverter missing policies.
386480	Junos SRX application gicmp-proto and icmp-proto not converted.
384905	Resolve extra backslash for Snort to custom IPS.
385128	ScreenOS conversion address object associated-interface option.
384798	ScreenOS NAT conversion generates excessive VIP objects.
385407	Check Point gateway cluster conversion interface mapping is incomplete.
301888	Include FortiOS CLI with Snort conversions.
375081	Duplicate VIP name in ScreenOS condition NAT.
370052	ScreenOS conversion policy with destination address MIP cannot be converted to FGT policy.
383713	Cisco IOS version 15.x conversion generates invalid output.
384170	Application crashes.
383050	ScreenOS ICMP service conversion bug.
383028	FGT-to-FGT WAN1 interface in DHCP mode instead of manual.
378255	ScreenOS IPSEC VIP conversion issue.
382208	Issue with interfaces on policies where VIPs should be specified.

Bug ID	Description
379877	Juniper SRX DHCP reservations.
380731	Missing outbound policy for policy-based VPN.
389529	Missing source address objects with auto-interface.
389548	Difference in the number of detected and created interfaces.
390820	Missing objects and rules for Cisco ASA conversions.
390961	Schedule object incorrect syntax for FortiManager.

## Known issues

The issues listed below do not include every known bug. For inquiries about a particular bug, please contact [Fortinet Customer Service & Support](#):

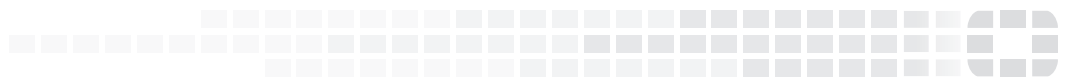
<https://support.fortinet.com>

### Known issues

Bug ID	Description
377624	FortiConverter software update feature cannot use the existing HTTP proxy settings.
377705	ScreenOS conversion has undefined service objects.
383325	PAN conversion issues.
382592	Cisco ASA 9.x NAT merge issues.
378264	FortiConverter license activation behind proxy with authentication.
378062	FortiConverter license activation behind Web Proxy with Authentication.
303518	Endless conversion.



High Performance Network Security



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